

13000 GeV pp

 $t\bar{t}$ Boosted $l+jets$

■ ATLAS

— Pythia 8.313 CP5

 $\frac{d^2\sigma}{dN_{\text{extra jet}} d m_{t\bar{t}}} \text{ [pb/GeV]}$ 10^{-4} 10^{-3} 10^{-2}

(ATLAS_2019_I1750330)

mcplots.cern.ch [arXiv:2401.10621]

Rivet 4.1.0, 100k events

Ratio to ATLAS

0.5

1

2

0.5

1

2

 $m_{t\bar{t}} \text{ [GeV]}, N_{\text{extra jet}} = 1$ 